

**Page Denied**

**TOP SECRET**

**COPY**

**8 PAGES**

**DATE MAY 1965**

25X1

**CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE DIVISION  
PHOTOGRAPHIC INTELLIGENCE REPORT**

**SAM WARHEAD AREA  
KAPUSTIN YAR/VLADIMIROVKA  
MISSILE TEST CENTER, USSR**

**CIA/PIR-3004/65**



25X1

**TOP SECRET**

**GROUP 1**  
Excluded from automatic  
downgrading and declassification

TOP SECRET CHESS RUFF

25X1

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

25X1

SAM WARHEAD AREA  
KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR

KEYHOLE photography [redacted] re-vealed the presence of 23 vehicles parked in front of the "Hi-Hat" building within a SAM Warhead Area at the Kapustin Yar/Vladimirovka Missile Test Center, USSR. This report was prepared as a result of an effort to identify these vehicles.

25X1

SAM WARHEAD AREA

A SAM Warhead Area is located approximately 10 nautical miles (nm) north of Kapustin Yar and is near the main road serving the SAM Launch Complex (Figure 1). [redacted]

25X1  
25X1

Facilities

The most outstanding structure in this area is the before-mentioned "Hi-Hat" building which is located in the central part of the area and has a drive-through capability (Figures 4 and 5). Additional facilities within the triple secured area include a guardhouse, three revetments of which the southernmost has a small bunker located behind it, two small road-served buildings north of the "Hi-Hat" building, and an open storage area.

Only minor changes have occurred since coverage of December 1959 [redacted] 1/. These changes include an open storage area which has been added northwest of the "Hi-Hat" building, a former structure which has been removed from the northernmost revetment and replaced with a smaller structure or vehicle, and a long narrow building located in the southernmost revetment. Another building may also be located within the southernmost revetment.

25X1

- 1 -

TOP SECRET CHESS RUFF

25X1

**TOP SECRET CHESH RUFF**

25X1

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

25X1

Other areas, not within the scope of this report, at the Kapustin Yar/Vladimirovka Missile Test Center also contain "Hi-Hat" buildings (Figure 1). These buildings are at the SSM Warhead Area in Launch Complex C and at the Missile Storage and Handling Area located in Launch Complex G. Additional study of these areas and comparison with the SAM Warhead Area might help to establish the correlation, if any, among the "Hi-Hat" buildings at these areas.

Vehicles

[redacted] revealed approximately 32 vehicles within the SAM Warhead Area. Twenty-three of these vehicles were parked on a hardstand west of the "Hi-Hat" building (Figures 4 and 5). Eight other vehicles were located on hardstands in the secured area and one vehicle was on the road.

25X1

Due to snow melting, close spacing of vehicles, scale, and shadows, the measurements obtained were not considered accurate enough to permit positive identification of the vehicles present. The vehicles that were recognizable were therefore identified mainly on the basis of visual recognition features using the measurements only as a guide. Of the 23 vehicles parked west of the "Hi-Hat" building, the northernmost three have been identified as vans [redacted]. These dimensions are consistent with those of Soviet nose-cone vans. The two southernmost of these 23 vehicles are identified as possible stake-bed trucks while the 19 vehicles in the central portion of the parking apron are unidentified. South of this group of 23 vehicles are two more hardstands with vehicles. One hardstand contains one or two unidentified vehicles possibly cranes while the other contains five van-type vehicles and one unidentified vehicle. Another unidentified vehicle is situated on the road leading from the "Hi-Hat" building. Located in two areas immediately northwest and north of the "Hi-Hat" building are a series of long thin objects identified as possible missile shipping cannisters.

25X1

\*This measurement is of the van of the truck and does not include the cab. All measurements have been made by the NPIC Technical Intelligence Division,

25X1

- 2 -

**TOP SECRET CHESH RUFF**

25X1

## TOP SECRET CHESS RUFF

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

## REFERENCES

## DOCUMENTS

1. CIA. PIC/JR-14/60. Surface-to-Air Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, July 1960, Top Secret Chess
2. NPIC. R-126/63. Surface-to-Air Missile Facilities, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Changes Since December 1959, July 1963, Top Secret Chess Ruff
3. NPIC. R-862/64. SA-3 SAM Site Towers, Kapustin Yar/Vladimirovka Missile Test Center and Leningrad Area, USSR, October 1964, Top Secret Ruff
4. CIA/PID Memorandum. PID/ABCB 111/65, Transmittal of Vu-Graphs - SAM Warhead Area, Kapustin Yar/Vladimirovka Missile Test Center, USSR, Top Secret Ruff

## REQUIREMENT NO.

C-SI5-82,397

## PROJECT NC.

30465-5

- 3 -

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

## LOCATION MAP

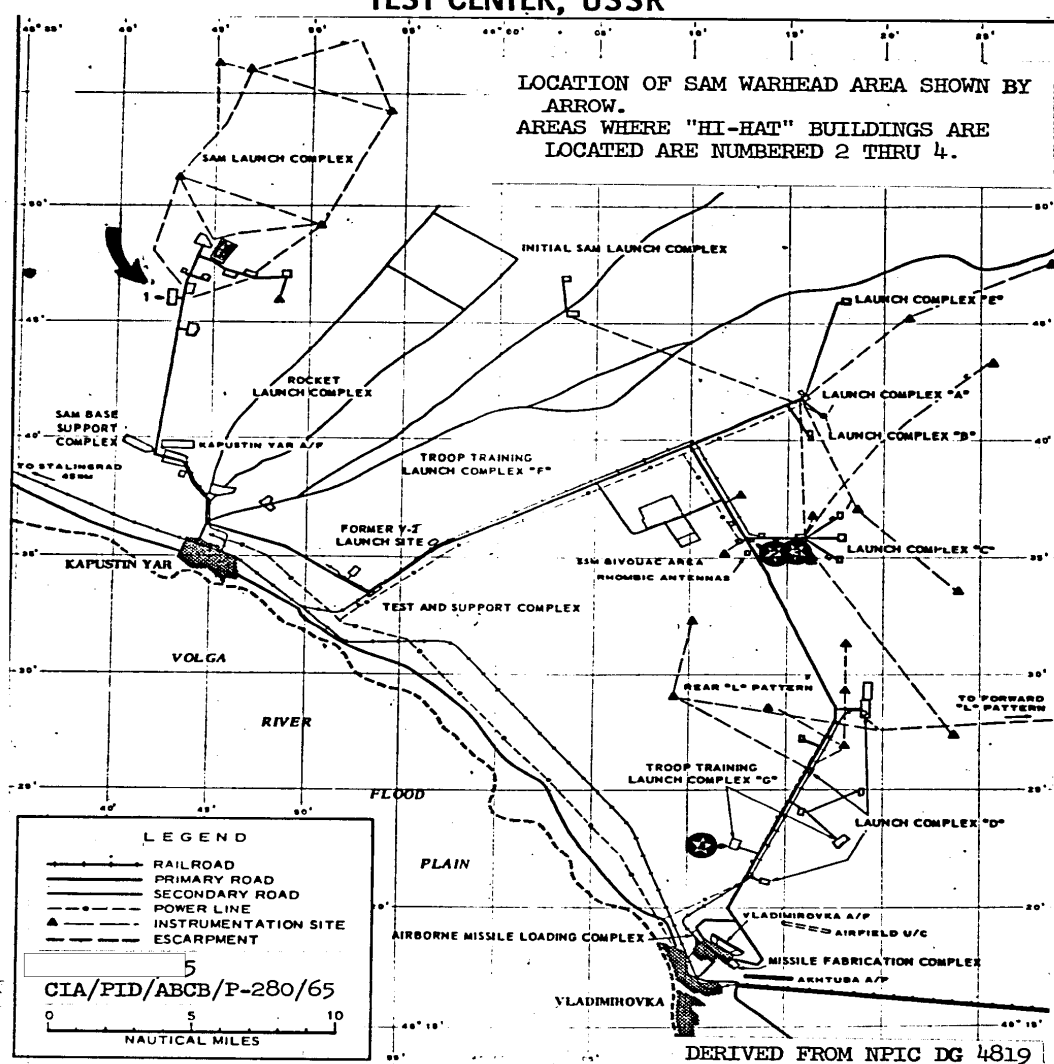
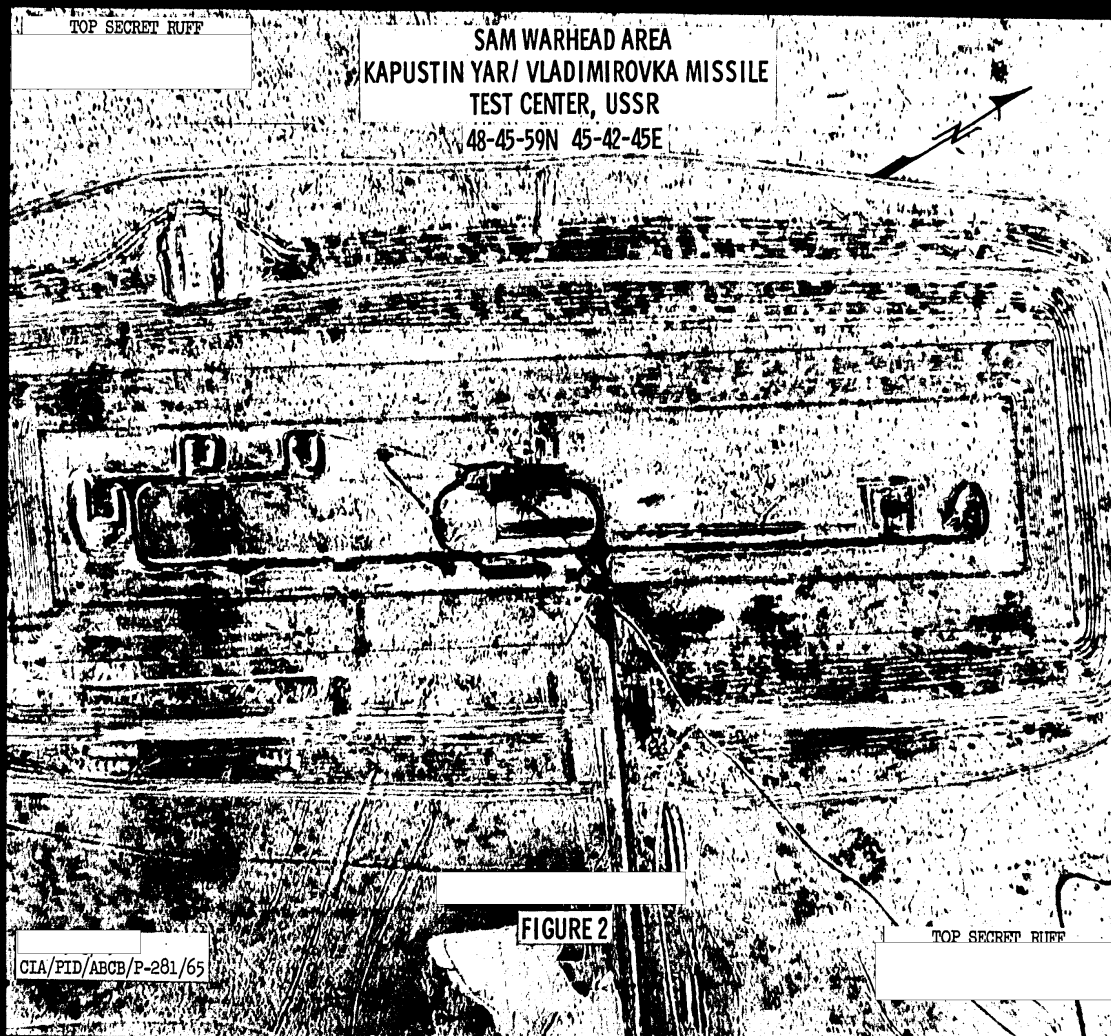
KAPUSTIN YAR/VLADIMIROVKA MISSILE  
TEST CENTER, USSR

FIGURE I

TOP SECRET CHESS RUFF

25X1

25X1



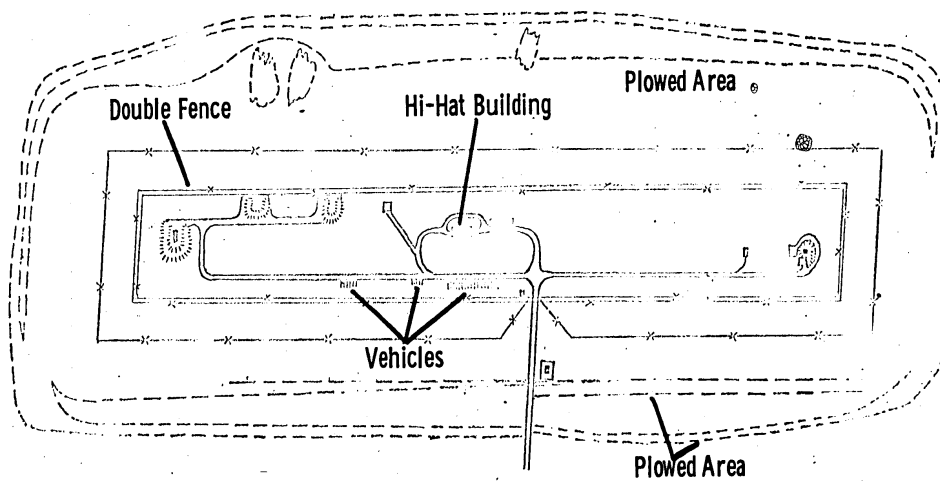
25X1

25X1

25X1  
25X1

TOP SECRET RUFF

**SAM WARHEAD AREA  
KAPUSTIN YAR/VLADIMIROVKA MISSILE  
TEST CENTER, USSR**



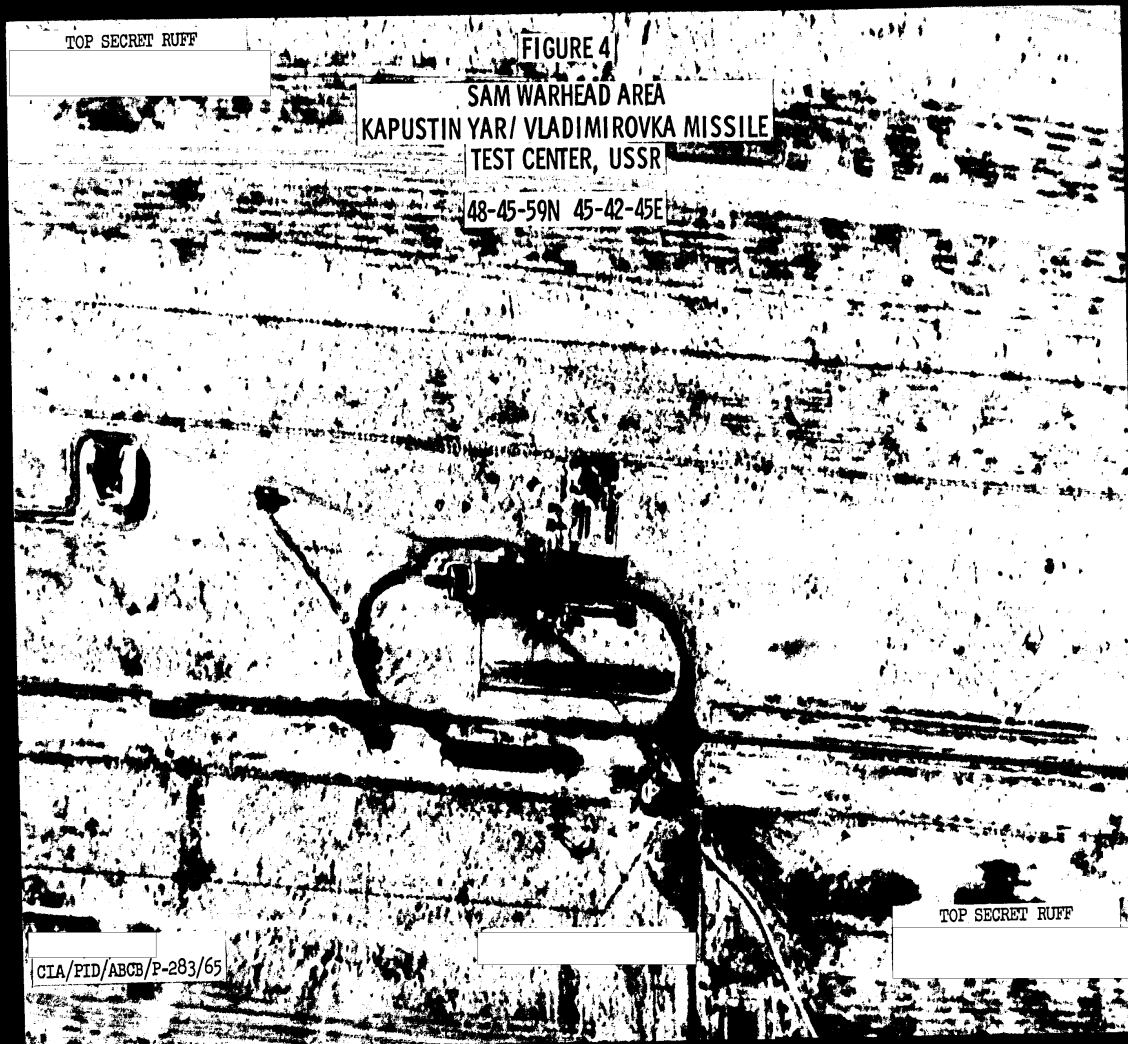
**FIGURE 3**

TOP SECRET RUFF

25X1

25X1  
25X1



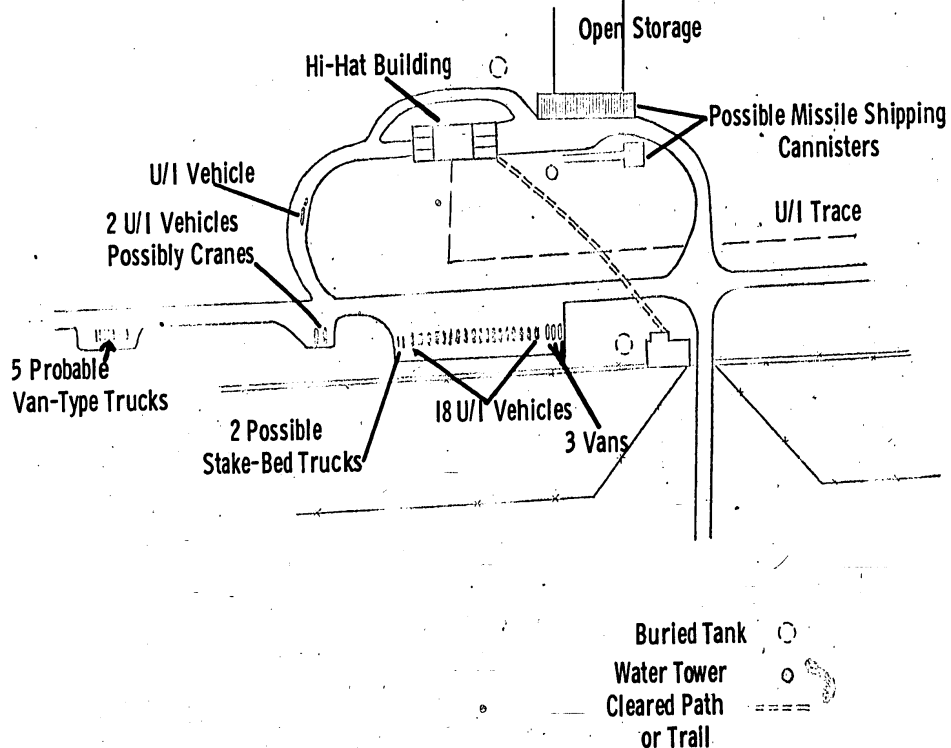


25X1

25X1

TOP SECRET RUFF

**SAM WARHEAD AREA  
KAPUSTIN YAR/VLADIMIROVKA MISSILE  
TEST CENTER, USSR**



**FIGURE 5**

TOP SECRET RUFF

CIA/PID/ABCB/P-284/65